GOVERNMENT OF INDIA
HUMAN RESOURCE DEVELOPMENT
LOK SABHA

UNSTARRED QUESTION NO:5626
ANSWERED ON:03.05.2005
IIT KHARAGPUR
Khaire Shri Chandrakant Bhaurao

Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

(a) whether the ITT, Kharagpiir has included the study of Tsunami in new M. Tech. course in computational seismology;

(b) if so, the time by when this course is proposed to commence;

(c) the manner by which it is proposed to deal with the prediction of such disasters by identifying seismic zones;

(d) whether there is any seisrnological observatory in the IIT campus; and

(e) if so, the details thereof?

Answer

MINISTER OF STATE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (SHRI M. A. A. FATMI)

(a): Yes, Sir

(b) to (e): The two-year M. Tech course in Computational Seismology will start from Academic Session commencing in July 2005. On completion of the course the students will be able to generate the Seismic Hazard Map, which may be used for mitigating earthquake-induced disasters. A very Broadband Seismological Observatory existing in IIT Kharagpur Campus has been recording the earthquakes. At this Observatory (22.3190Â° N, 87.3108Â° E), the seismometer STS2 (Free period 120 s and electrodynamics constant 1500 mV/(mm/s)) is connected to the recorder Q330 (sensitivity 419.430 counts/mV); the system has a damping constant of 0.707.